Exposure to moderately elevated temperatures changes food preferences in the tropical marine herbivore *Haliotis squamata*

Veronika Mitterwallner[a], An Nisa Nurul Suci[b], Neviaty Zamani[b], Mark Lenz[c]

[a]*Department of Animal Ecology I, University Bayreuth, Universitätsstr.30, 95440 Bayreuth, Germany*

[b]*Department of Marine Science and Technology, Faculty of Fisheries and Marine Sciences, IPB University, Jl. Agatis No.1, Bogor 16680, West Java, Indonesia*

[c]*Department of Marine Ecology, GEOMAR Helmholtz Centre for Ocean Research Kiel, Düsternbrooker Weg 20, 24105 Kiel, Germany*

Corresponding author address: Veronika Mitterwallner, Department of Sport Ecology, Institute of Sport Science, University Bayreuth, Universitätsstr. 30, 95440 Bayreuth, Germany.

(e-mail: veronika.mitterwallner@uni-bayreuth.de, ORCID-iD: 0000-0002-9535-0171)

Supplementary Material

Table S1 Left: Species that belong to the genus Amphiroa, which, according to algaebase.com, can be found within the Indonesian archipelago. Right: Species of the genus Sargassum, which can be found in the region of the Thousand Islands, Indonesia (An Nisa Suci, personal communication)

Species name: *Amphiroa* spp.	**Species name: *Sargassum* spp.**
Amphiroa anastomosans	*Sargassum asperifolium*
Amphiroa anceps	*Sargassum binderi*
Amphiroa beauvoisii	*Sargassum ilicifolium*
Amphiroa bowerbankii	*Sargassum polycystum*
Amphiroa canaliculata	
Amphiroa crassa	
Amphiroa crassa f. *minuta*	
Amphiroa ephedraea	
Amphiroa foliacea	
Amphiroa foliacea f. *erecta*	
Amphiroa foliacea f. *procumbens*	
Amphiroa fragilissima	
Amphiroa fragilissima f. *cuspidata*	
Amphiroa fragilissima f. *cyathifera*	
Amphiroa rigida	
Amphiroa tribulus	

Table S2 Targeted and realised mean water temperatures during acclimation and during the feeding assays (24 h) in Experiment 1 (NA=Not Available)

	Start	**End**	**Temperature [°C]**					
Temperature acclimation	2018-06-23	2018-06-26	Targeted	27	28.5	30	31.5	33
			Realised (± SD)	26.9 (0.2)	28.5 (0.1)	30 (0.2)	NA	33.2 (0.2)
Feeding assay	2018-06-26 11:52	2018-06-27 11:46	Targeted	27	28.5	30	31.5	33
			Realised (± SD)	26.9 (0.1)	28.7 (0.3)	30.3 (0.2)	NA	33.6 (0.1)

Table S3 Targeted and realised mean water temperatures during the acclimation and the feeding assays (24 h) in Experiment 2

	Start	**End**	**Temperature [°C]**			
Temperature acclimation	2018-07-30	2018-08-09	Targeted	27	29	31
			Realised (± SD)	26.6 (0.2)	28.7 (0.2)	30.3 (0.2)
Feeding assay	2018-08-09 13:12	2018-08-10 13:12	Targeted	27	29	31
			Realised (± SD)	26.8 (0.2)	28.7 (0.1)	30.4 (0.3)